

## ABSTRACT OF THE DISCLOSURE

A device comprises osseous anchoring elements, one or two connecting rods (2) which are connectable to the anchoring elements and fixable to vertebrae by elements thereof and connecting elements (6, 3) of the rod(s) (2) for fixing the rod(s) to the anchoring elements, at least one anchoring element being of a polyaxial type. Each connecting part (6) and each base part (7) includes a transversal passage and a rigid transversal element (11, 24) whose direction is substantially perpendicular to the direction of the passage. The rigid transversal element (11, 24) of the connecting part (6) or of the base part (7) is introducible into the transversal passage of the base part (7) or of the connecting part (6) and vice-versa in such a way that the rigid transversal elements (11, 24) are pivotable in the passages.